



### Main

|                              |                                                             |
|------------------------------|-------------------------------------------------------------|
| Range of product             | Square D Pumptrol                                           |
| Pressure sensor name         | 9013GH                                                      |
| Pressure sensor size         | 250 psi (32...215 psi)                                      |
| Value of setting             | Specify pressure settings                                   |
| Electrical circuit type      | Power circuit                                               |
| Product specific application | Control electrically driven water pumps and air compressors |
| Quantity per set             | 1                                                           |
| Type of packing              | Individual                                                  |

### Complementary

|                                     |                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Pressure sensor type                | Electromechanical pressure switch                                                                                                                                                                                                                                                                                                                                             |
| Controlled fluid                    | Air (-22...257 °F)<br>Fresh water (-22...257 °F)                                                                                                                                                                                                                                                                                                                              |
| Adjustable range on rising pressure | 80...250 psi                                                                                                                                                                                                                                                                                                                                                                  |
| Approximate adjustable differential | 20...45 psi                                                                                                                                                                                                                                                                                                                                                                   |
| Destruction pressure                | 300 psi                                                                                                                                                                                                                                                                                                                                                                       |
| Pressure actuator                   | Diaphragm                                                                                                                                                                                                                                                                                                                                                                     |
| Pressure switch type of operation   | Regulation between 2 thresholds                                                                                                                                                                                                                                                                                                                                               |
| Scale type                          | Adjustable differential                                                                                                                                                                                                                                                                                                                                                       |
| Setting                             | Internal                                                                                                                                                                                                                                                                                                                                                                      |
| Local display                       | Without                                                                                                                                                                                                                                                                                                                                                                       |
| Contacts type and composition       | 2 NC, snap action, DPST-DB, Form YY                                                                                                                                                                                                                                                                                                                                           |
| Cable entry number                  | 3 knock-outs for 1/2" conduit UL 508                                                                                                                                                                                                                                                                                                                                          |
| Electrical connection               | Screw-clamp terminals, clamping capacity: 10 AWG<br>Screw-clamp terminals, clamping capacity: 5.261 mm²                                                                                                                                                                                                                                                                       |
| Fluid connection type               | 0.25 inch NPT external conforming to UL 508                                                                                                                                                                                                                                                                                                                                   |
| Short-circuit protection            | 20 A by cartridge fuse, type gG                                                                                                                                                                                                                                                                                                                                               |
| Materials in contact with fluid     | Zinc plated steel or equivalent flange<br>Nitrile (Buna-N) or equivalent rubber diaphragm                                                                                                                                                                                                                                                                                     |
| Material                            | Polypropylene cover<br>Noryl thermoplastic resin or equivalent cover                                                                                                                                                                                                                                                                                                          |
| Operating position                  | Vertical position                                                                                                                                                                                                                                                                                                                                                             |
| Motor power kW                      | 1.5 kW (2 hp) at 115 V AC, 1 phase<br>2.2 kW (3 hp) at 115 V AC, 3 phases<br>2.2 kW (3 hp) at 230 V AC, 1 phase<br>0.75 kW (1 hp) at 115 V DC<br>0.75 kW (1 hp) at 230 V DC<br>3.75 kW (5 hp) at 230 V AC, 3 phases<br>3.7 kW (5 hp) at 460 V AC, 1 phase<br>3.7 kW (5 hp) at 460 V AC, 3 phases<br>3.7 kW (5 hp) at 575 V AC, 1 phase<br>3.7 kW (5 hp) at 575 V AC, 3 phases |
| Electrical durability               | 100000 cycles at 10 cyc/mn                                                                                                                                                                                                                                                                                                                                                    |
| Mechanical durability               | 300000 cycles                                                                                                                                                                                                                                                                                                                                                                 |
| Terminal block type                 | 4 terminals                                                                                                                                                                                                                                                                                                                                                                   |
| Operating rate                      | 10 cyc/mn                                                                                                                                                                                                                                                                                                                                                                     |
| [Ui] rated insulation voltage       | 575 V conforming to UL 508                                                                                                                                                                                                                                                                                                                                                    |
| Product weight                      | 2.25 lb(US)                                                                                                                                                                                                                                                                                                                                                                   |
| Repeat accuracy                     | +/- 3 %                                                                                                                                                                                                                                                                                                                                                                       |
| Terminals description ISO n°1       | L1-T1<br>L2-T2                                                                                                                                                                                                                                                                                                                                                                |
| Width                               | 3.44 in                                                                                                                                                                                                                                                                                                                                                                       |

The information provided in this documentation contains general descriptions and/or technical characteristics of the products contained herein. This documentation is not intended as a substitute for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation and testing of the products with respect to the relevant specific application or use thereof. Neither Schneider Electric Industries SAS nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein.

|                      |         |
|----------------------|---------|
| Height               | 5.4 in  |
| Depth                | 3.88 in |
| Factory modification | -       |

## Environment

|                                       |                                           |
|---------------------------------------|-------------------------------------------|
| standards                             | CE<br>UL 508<br>NSF ANSI 372              |
| ambient air temperature for operation | -33...257 °F                              |
| ambient air temperature for storage   | -33...257 °F                              |
| protective treatment                  | None                                      |
| NEMA degree of protection             | NEMA 3R conforming to UL 50               |
| IP degree of protection               | IP20 conforming to IEC 60529              |
| product certifications                | UL listed file E12158<br>CSA file LR25490 |

## Offer Sustainability

|                                                                                                                            |                                                                                                                            |
|----------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|
| Not Green Premium product                                                                                                  | Not Green Premium product                                                                                                  |
| Will not be Compliant                                                                                                      | Will not be Compliant                                                                                                      |
| Reference contains SVHC above the threshold - go to CaP for more details                                                   | Reference contains SVHC above the threshold                                                                                |
| Available                                                                                                                  | Available                                                                                                                  |
| Available                                                                                                                  | Available                                                                                                                  |
| WARNING: This product can expose you to chemicals including:                                                               | WARNING: This product can expose you to chemicals including:                                                               |
| Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and                                | Diisononyl phthalate (DINP), which is known to the State of California to cause cancer, and                                |
| Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. | Di-isodecyl phthalate (DIDP), which is known to the State of California to cause birth defects or other reproductive harm. |
| For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              | For more information go to <a href="http://www.p65warnings.ca.gov">www.p65warnings.ca.gov</a>                              |

## Contractual warranty

|                 |           |
|-----------------|-----------|
| Warranty period | 18 months |
|-----------------|-----------|

## Данный компонент на территории Российской Федерации

**Вы можете приобрести в компании MosChip.**

Для оперативного оформления запроса Вам необходимо перейти по данной ссылке:

<http://moschip.ru/get-element>

Вы можете разместить у нас заказ для любого Вашего проекта, будь то серийное производство или разработка единичного прибора.

В нашем ассортименте представлены ведущие мировые производители активных и пассивных электронных компонентов.

Нашей специализацией является поставка электронной компонентной базы двойного назначения, продукции таких производителей как XILINX, Intel (ex.ALTERA), Vicor, Microchip, Texas Instruments, Analog Devices, Mini-Circuits, Amphenol, Glenair.

Сотрудничество с глобальными дистрибьюторами электронных компонентов, предоставляет возможность заказывать и получать с международных складов практически любой перечень компонентов в оптимальные для Вас сроки.

На всех этапах разработки и производства наши партнеры могут получить квалифицированную поддержку опытных инженеров.

Система менеджмента качества компании отвечает требованиям в соответствии с ГОСТ Р ИСО 9001, ГОСТ РВ 0015-002 и ЭС РД 009

### Офис по работе с юридическими лицами:

105318, г.Москва, ул.Щербаковская д.3, офис 1107, 1118, ДЦ «Щербаковский»

Телефон: +7 495 668-12-70 (многоканальный)

Факс: +7 495 668-12-70 (доб.304)

E-mail: [info@moschip.ru](mailto:info@moschip.ru)

Skype отдела продаж:

moschip.ru

moschip.ru\_4

moschip.ru\_6

moschip.ru\_9